

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for producing a biological material composition of animal, non-human origin, especially for use as feed or food, said method comprising:
[- an]]aggregation of stem cells from differentiated exocrine glandular tissue of an animal organism to form organoid bodies, and
[- a]]preparation of the material composition from the organoid bodies.
2. (Currently Amended) The method according to Claim 1, in whichwherein the aggregation of the stem cells takes place in a culture medium without an additive that influences thea differentiation of cells.
3. (Currently Amended) The method according to Claim 1, in whichwherein the aggregation of the stem cells takes place in a culture medium containing at least one additive that influences thea differentiation of the stem cells during the aggregation.
4. (Currently Amended) The method according to ~~at least one of the preceding claims~~, in whichClaim 1, wherein the aggregation of stem cells results in primary organoid bodies, the preparation of the material composition comprising a formation of secondary organoid bodies from the primary organoid bodies.
5. (Currently Amended) The method according to ~~at least one of the preceding claims~~, in whichClaim 1, wherein the preparation of the material composition comprises a growth of the organoid bodies to form tissue bodies.
6. (Currently Amended) The method according to Claim 4, wherein ~~or 5, in which~~ the formation of the secondary organoid bodies ~~and/or the growth to tissue bodies~~ takes place in a culture medium without an additive that influences a differentiation of cells.
7. (Currently Amended) The method according to Claim 4, wherein ~~or 5, in which~~ the formation of the secondary organoid bodies ~~and/or the growth to tissue bodies~~ takes place in

a culture medium that contains at least one additive by ~~means-way~~ of which a plurality of the cells belonging to an organoid body or tissue body is differentiated to a certain cell type.

8. (Currently Amended) The method according to Claim 3, wherein at least one of Claims 3 to 7, in which the differentiation provides to at least one of the following cell types is provided: muscle cells, cartilage cells, connective tissue cells, fat cells and enzyme-producing cells.

9. (Currently Amended) The method according to Claim 3, wherein at least one of Claims 3 to 8, in which the differentiation is influenced by an addition of differentiated cells.

10. (Currently Amended) The method according to claim 9, ~~in which in which~~wherein the differentiation is influenced by an addition of autologous cells.

11. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which at least a part of the cells in the organoid bodies or tissue bodies are living cells during the preparation of the material composition.

12. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims 1 to 10, in which the cells in the organoid bodies or tissue bodies are in a dead state during the preparation of the material composition.

13. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which the preparation of the material composition comprises a combining of the organoid bodies or tissue bodies to form a composite.

14. (Currently Amended) The method according to Claim 13, ~~in which wherein~~ a plurality of organoid bodies or tissue bodies is subjected to at least one of the following steps during combining:

- [-]]growing together,
- [-]]mutual adherent adhesion,
- [-]]compression, and
- [-]]loading onto or into a carrier device.

15. (Currently Amended) The method according to Claim 13, wherein or 14, in which the composite continues to grow after combining.

16. (Currently Amended) The method according to Claim 15, ~~in which the~~wherein a form of the composite is adjusted during the preparation by its growth.
17. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which the form of the composite is adjusted during the preparation by the form of an imprinting device.
18. (Currently Amended) The method according to Claim 17, ~~in which~~wherein a cultivating substrate, an imprinting surface or a flexible container is used as the imprinting device.
19. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which an inner structure of the material composition is adjusted during the preparation.
20. (Currently Amended) The method according to Claim 19, ~~in which~~wherein the structure of the material composition is adjusted by an effect of an electrical current.
21. (Currently Amended) The method according to Claim 15, wherein one of Claims 13 to 20, in which the composite is composed of different differentiated organoid bodies or tissue bodies that grew from different differentiated organoid bodies.
22. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which an addition of flavoring substances is provided.
23. (Currently Amended) The method according to Claim 1, wherein at least one of the preceding claims, in which the stem cells are isolated from glandular tissue of a vertebrate.
24. (Currently Amended) The method according to Claim 23, ~~in which~~wherein the stem cells are isolated from glandular tissue of a fish, bird or non-human mammal.
25. (Currently Amended) A biological material composition produced by a method in accordance with ~~at least one of the preceding claims~~Claim 1.
26. (Currently Amended) ~~The use of a material composition according to Claim 25 as feed or food~~A method of feeding an animal, said method comprising feeding to the animal the biological material composition according to Claim 25.

27. (Currently Amended) The ~~methoduse of a material composition according to Claim 2526, wherein the biological material composition is for producing a synthetic meat product.~~

28. (New) The method according to Claim 5, wherein the growth of the tissue bodies takes place in a culture medium without an additive that influences a differentiation of cells.

29. (New) The method according to Claim 5, wherein the growth to form tissue bodies takes place in a culture medium that contains at least one additive by way of which a plurality of the cells belonging to an organoid body or tissue body is differentiated to a certain cell type.

30. (New) The method according to Claim 5, wherein at least a part of the cells in the tissue bodies are living cells during the preparation of the material composition.

31. (New) The method according to Claim 5, wherein the cells in the tissue bodies are in a dead state during the preparation of the material composition.

32. (New) The method according to Claim 5, wherein the preparation of the material composition comprises a combining of the tissue bodies to form a composite.

33. (New) The method according to Claim 32, wherein a plurality of tissue bodies is subjected to at least one of the following steps during combining:

growing together,
mutual adherent adhesion,
compression, and
loading onto or into a carrier device.

34. (New) The method according to Claim 32, wherein the composite continues to grow after combining.

35. (New) The method according to Claim 32, wherein a form of the composite is adjusted during the preparation by its growth.

36. (New) The biological material composition according to Claim 25, further comprising at least one flavoring substance.